

#2

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:09

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

P.S.

ENTERED

4 <110> APPLICANT: Henderson, Robert A.  
 5 Wang, Tongtong  
 6 Watanabe, Yoshihiro  
 7 Johnson, Jeffrey C.  
 8 Retter, Marc W.  
 9 Marnerakis, Margarita  
 10 Carter, Darrick  
 11 Fanger, Gary R.  
 12 Vedvick, Thomas S.  
 13 Bangur, Chaitanya S.  
 14 McNabb, Andria  
 20 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
 21 AND DIAGNOSIS OF LUNG CANCER  
 24 <130> FILE REFERENCE: 210121.478C17  
 C--> 26 <140> CURRENT APPLICATION NUMBER: US/09/902,941  
 27 <141> CURRENT FILING DATE: 2001-07-10  
 29 <160> NUMBER OF SEQ ID NOS: 2002  
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 527  
 35 <212> TYPE: DNA  
 36 <213> ORGANISM: Homo sapiens  
 38 <400> SEQUENCE: 1  
 39 ccaccagtcc acaaagtgtga ctggtaaggg atctagtaac agaggatgga gttgggcaga 60  
 40 atattatcct ggatgatatg caccagcac tagaatacac ctttcattag aatgaagaga 120  
 41 acagacaaag ccctcagaaa agatacaaag gcagagacat tgattagaac attatctcat 180  
 42 aacagaggty gggccattac ccaccattat tgtaaaataa ctgtaactaa ccaaaacaca 240  
 43 tacaggcttc ttaaatggag ttaataaaac tatggcacat tgggaatcag gggcagaggt 300  
 44 actgttccca gacggaaaac tgggataaag ggagccatgc tgacagggcc ttattccagt 360  
 45 ctagggttgtt agaaaggagc cctagcccag aaatgacagc aaatagccat aatcattatg 420  
 46 tggggctgaa ccagaggaag ccaggctgag ccaagaagct ggaagtatct tgaacggctc 480  
 47 tccaaatcca aagattatcc atactcttta tccctccagc gatgtgt 527  
 49 <210> SEQ ID NO: 2  
 50 <211> LENGTH: 490  
 51 <212> TYPE: DNA  
 52 <213> ORGANISM: Homo sapiens  
 54 <400> SEQUENCE: 2  
 55 ccaagagttc tccactgtga agactgaaag gacctggtga catttcggca tcagtctgt 60  
 56 taccacttgg aggtaacaga agcaggctcg tgtcctcctt taattctacc aactacatg 120  
 57 actcgcaatt ggttctgaaa ttagaacgtt caccatcgta cttaaaatct taggggcatg 180  
 58 aagagtcagc tagaacaagg aaaaagaaaag tcgcaggtag taggtaagta ggtgggcaca 240  
 59 tgaaaagcca agctgctctg tccaacacca gtgtacatgt gctttaacta aatgaactcc 300  
 60 agaggccaac agcagcagac ctgctcaatt caccttccaa atcagaacaa gaccaaag 360  
 61 ctgaggcttg agttgtcaac tatgcatagg ttccgccagt gctgaggggt gtgaggctct 420  
 62 agttgtgaag aagctacaag aatcatgat gcatgtgatc tgggcccgcac tggcatttgc 480  
 63 agctattcag  
 65 <210> SEQ ID NO: 3

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:09

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

```

66 <211> LENGTH: 464
67 <212> TYPE: DNA
68 <213> ORGANISM: Homo sapiens
70 <400> SEQUENCE: 3
71 ggagctgtgg gctcagtcgt ggggcagatt gcaaagctca agggctgcaa agttgttggg 60
72 gcagtagggg ctgatgaaaa ggttgcctac cttcaaaaagc ttggatttga tgctgtcttt 120
73 aactacaaga cggtagagtc tttggaagaa accttgaaga aagcgtctcc tgatggttat 180
74 gattgttatt ttgataatgt aggtggagag ttttcaaaca ctgttatcgg ccagatgaag 240
75 aaatttggaa ggattgccat atgtggagcc atctctacat ataacagaac cggcccactt 300
76 cccccaggcc cacccccaga gattgttatt tatcaggagc ttcgcatgga agcttttgtc 360
77 gtctaccgct ggcaaggaga tgcccgcgaa aaagctctga aggacttgct gaaatgggtc 420
78 ttagagttta aatttcagct tccctacttt gtaattgact gact 464
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 510
82 <212> TYPE: DNA
83 <213> ORGANISM: Homo sapiens
85 <400> SEQUENCE: 4
86 ccttatcaca ctgtaagtgg tccaagccca tagggatgct ctttttggtt cctggaattt 60
87 ccagttggat gtgacagaga tctttcagta taggtctaag tcaagagtag cctctgggtt 120
88 gaggtgggct gggagattaa catcttacct ggggtccttc agataaacct gttggttttt 180
89 cctgtctcat acaggcccat cttaggtttt gatgttgaat taaaactact tctacccctt 240
90 tagttataaa aaaggccaca aggagcattt atgtggatat ctggaagtga gatagttatt 300
91 ccattcccag gaaaagaaaa ataaagctaa gttacaaaac taaatctata tgcaataaag 360
92 ttattatata ctgctttgtt taagcagagt cctctggaat ttatgtacag tacattagtt 420
93 ttcagctatt tatattccac aagttagacc ttaagattct ctggttttaa gacaattggt 480
94 aaagatactt ctaaagctct gagcagttca 510
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 452
98 <212> TYPE: DNA
99 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 5
102 acagcgcttc acgcacctga gccccgagga gaaggcgtg aggaggaaac tgaaaaacag 60
103 agtagcagct cagactgccg gagatcgaaa gaaggctcga atgagtgagc tggaacagca 120
104 agtggttagat ttagaagaag agaaccaaaa acttttgcta gaaaatcagc ttttacgaga 180
105 gaaaactcat ggcctttagt ttgagaacca ggagttaaga cagcgcttgg ggatggatgc 240
106 cctggttgct gaagaggagg cggaagccaa ggtaaatcat ctcctttatt tggtcctca 300
107 tgtgagtact ggttccaagt gacatgaccc agcgattatg tttacagtct ggacttctga 360
108 tcaagagcgt tcttgaaatt ttccttcagt ttttaagacat tttcatgcag gcagagtgtt 420
109 cttcccctaa aggcacttga cactcatttt tt 452
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 336
113 <212> TYPE: DNA
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 6
117 tatagagtgc tgacatctga cattgagaaa ttcatgccta ttgtttatac tcccactgtg 60
118 ggtctggctt gccacaata tagtttggtg tttcggaagc caagaggtct ctttattact 120
119 atccacgata gagggcatat tgcttcagtt ctcaatgcac gccagaaga tgtcatcaag 180
120 gccattgtgg tgactgatgg agagcgtatt cttggccttg gagaccttgg ctgtaatgga 240
121 atgggcatcc ctgtgggtaa attggctcta tatacagctt gcggagggat gaatcctcaa 300

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:09

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

```

122 gaatgtctgc ctgtcattct ggatgtggga accgaa 336
124 <210> SEQ ID NO: 7
125 <211> LENGTH: 376
126 <212> TYPE: DNA
127 <213> ORGANISM: Homo sapiens
129 <400> SEQUENCE: 7
130 ctgtgggaaa cctcattgtt ctgtacaaag tactagctaa accagaaagg tgattccagg 60
131 aggagttagc caaacaacaa caaaaacaaa aaatgtgctg ttcaagtttt cagctttaag 120
132 atatcttttg ataatgttat ttctatTTTT tatttttttt cattagaagt taccaaatta 180
133 agatggtaag acctctgaga ccaaaatttt gtcccatctc taccocctca caactgctta 240
134 cagaatggat catgtccccc ttatgttgag gtgaccactt aattgctttc ctgcctcctt 300
135 gaaagaaaaga aagaaagaag actgtgtttt tgccactgat ttagccatgt gaaactcatc 360
136 tcattaccct tttctg 376
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 406
140 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
143 <400> SEQUENCE: 8
144 ggtagggagc aattctatta tttggcattg catggctggg ttgaattaaa acagggagtg 60
145 agaacaggtg agtctagaag tccaactctg aaaaggacca ctgtacattt gaacacacgg 120
146 ctgtgtttaa gatctgcta atgtcagtc a ctgggtgcac taaaggatct cttattttat 180
147 gtaaaacgtt gggattgaca agatagatct gatactctgt taagttaccc tctgaagcta 240
148 cttcttgtga aataactaat acagcatcat cctgccaaagc gaaagaggca ggcataagca 300
149 aggacaaatt aaaagggggg aagagcctta tcatgatgag gagtcttggt ttgacatctt 360
150 gggaaaagct gtccatagtg tgaagtcgtc aatttctcac catggt 406
152 <210> SEQ ID NO: 9
153 <211> LENGTH: 330
154 <212> TYPE: DNA
155 <213> ORGANISM: Homo sapiens
157 <400> SEQUENCE: 9
158 actactacca agagctgcag agagacattt ctgaaatgtt tttgcagatt tataaacaag 60
159 ggggttttct gggcctctcc aatattaagt tcaggccagg atctgtggtg gtacaattga 120
160 ctctggcctt ccgagaaggt accatcaatg tccacgacgt ggagacacag ttcaatcagt 180
161 ataaaacgga agcagcctct cgatataacc tgacgatctc agacgtcagc gtgagtgatg 240
162 tgccatttcc tttctctgcc cagtctgggg ctgggggtgcc aggctggggc atcgcgctgc 300
163 tgggtgctggt ctgtgttctg gttgcgctgg 330
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 449
167 <212> TYPE: DNA
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 10
171 ctgacggctt tgctgtccca gagccgccta aacgcaagaa aagtcgatgg gacagttaga 60
172 ggggatgtgc taaagcgtga aatcagttgt ccttaatttt tagaaagatt ttggtacta 120
173 ggtgtctcag ggtggggtg ggtccaaag tgtaaggacc ccctgccctt agtggagagc 180
174 tggagcttgg agacattacc cttcatcag aaggaatttt cggatgtttt cttgggaagc 240
175 tgttttggtc cttggaagca gtgagagctg ggaagcttct tttggctcta ggtgagttgt 300
176 catgcggtga agttgaggtt atcttgggat aaagggtcct ctagggcaca aaactcactc 360
177 taggtttata ttgtatgtag cttatatatt ttactaaggt gtcaccttat aagcatctat 420
178 aaattgagtt ctttttctta gttgtatgg 449

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:09

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

```

180 <210> SEQ ID NO: 11
181 <211> LENGTH: 472
182 <212> TYPE: DNA
183 <213> ORGANISM: Homo sapiens
185 <400> SEQUENCE: 11
186 cctcgatgca tgctgctcta cctctcatca gcccacagtc tgacacgagg tcattcttgg 60
187 tctgtggtga ggtatggatg tctgcagtct acacaacagc cctgcagaac gggcctggac 120
188 aacccttggg ggataagaca gccacacatg gctcaggctg ttaggtgtcc actgtcacag 180
189 tccaaagaga aaggtacggc ctccaagggg gcagcttaag ccaacatgta agacttgggc 240
190 acgatgaaag gacgggggtc cagctacgaa tgtttttgtt cttgatgtca agttgccagc 300
191 tactggaagg caggagcagt ttcttctttt tcccaactctg tgctgggtac ttgggagagg 360
192 cgaaataaat accagactgt ccactcctca gcctaaggtc cttctcaagt cctgcacact 420
193 cagcacttgc tctttaacgt ggcataatgt ccccatctt cccctggtaa tg 472
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 371
197 <212> TYPE: DNA
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 12
201 tttttttttt tttttttttt ttttggarat ttgkacatt ttattcagwa tttctgctgc 60
202 actgccagcc tagggatgca cttgattccc aagaaatgca actgtcctat tcgcaragcc 120
203 gtccacaggt acctaccccc tggactgcag caactttatt accttaacta gcacaraaca 180
204 gaggttgatt taaactcctt acactcactt ctcaratcaa tgaatgggca aaraaacmcc 240
205 tcatggtctt gggaaggcat getgaraccc gtttttgcaa gtcctgagga atggaaraat 300
206 atagctgcca ggtatcccaa gtctagggca ggaaggkag tatcgcatc actttcactg 360
207 cattctgttg g 371
209 <210> SEQ ID NO: 13
210 <211> LENGTH: 493
211 <212> TYPE: DNA
212 <213> ORGANISM: Homo sapiens
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209,
217 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221,
218 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233,
219 234, 235, 236, 237, 238, 239
220 <223> OTHER INFORMATION: n = A,T,C or G
222 <400> SEQUENCE: 13
223 ccagtccaac ctgctcctca ttattgtata aatgagcaga atcaatatgg cggaagccag 60
224 ctgcaattgc caatttggtg gcctctaaag ctttactttt aggaacctct gcaggcgcat 120
225 aggtgccaaa tcccaggaca ggcataaggt gaccatcatt cagcttcaca cactgatatt 180
226 tcgaatccat ttctgtcnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
227 caactgctc ctcatattg taaacatgtg cagaatcaat atggcggaac ccagcttcta 300
228 ttgctaattt tgtgacctcc aaagctttac ttctcggaac cttggttctt ccgagcgctc 360
229 agcaatcccg ccgagcttct ttgagacgtc ctccaggtgtc ctttgacgat gcgtcctcca 420
230 ctttcacaca ctctagcatt ccttcactgg ggtcttcatt gcccacatt gggcagccag 480
231 gaatgttggg gtg 493
233 <210> SEQ ID NO: 14
234 <211> LENGTH: 540
235 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

DATE: 07/26/2001

PATENT APPLICATION: US/09/902,941

TIME: 15:03:09

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

```

236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 14
239 ccagatggtc cataatatgt caccgagcag gtgaatggca tttgtatgtc agccttggtt 60
240 gtcttgtact ccagggtgga agtcatggta tagagctgag tcactgggtc catttccttt 120
241 ttaaaattat gaccaccgct ccttcaaggg gatgtagcac ttttccattc ctgtaccatg 180
242 tgatattgcc atctggataa ctgtcttctg aaatgcagtc acccaacttt tttagctgct 240
243 ctgtttcgag aaacagtgtc ttgcttaciaa tttcaggttt agatggttgc ttgaacacct 300
244 tgactattgt aggtgcctca aacacgttgt cctcagttac tagcatgcac acaaactctc 360
245 tttcatcact gatccttgca ttactgatag acaaagtgtg gttttctgag aggttcaatc 420
246 tgtctttgta ttctggtaca tcgtcgtagt gcacactttt ctttgtagag gatctgaagg 480
247 caataaatac tggggagcca tcgggctttt catatttcca tttgccaaa catgagattc 540
250 <210> SEQ ID NO: 15
251 <211> LENGTH: 421
252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 15
256 taccacctc cagcctccca tgtgagcctg tccttatgta tagtgtccaa cctctgattc 60
257 tagcagtcaa gtgtcttccc caatcctaata gtcccctgat atgtctctag cgacttgacc 120
258 atctcttgtt ccttgggact ggggccagcc tcttgtctgc ccacttccct ctcattagtc 180
259 agatagcccc aaaggtctca tcttttagctc ccagagaact ttttggtoct cagtatttcc 240
260 ctcccccttt ccttccctatt ccccaacaact gggggaggga agggagaaca ggggcacctg 300
261 atcatcaatc tcccctgccc ctctcttgaa gccccctaga tttggatgaa gagcaggcca 360
262 gtgagcaggg caaagcctgc taggagcaga atgaccttga ggatcctttg ctcagaactg 420
263 g 421
265 <210> SEQ ID NO: 16
266 <211> LENGTH: 236
267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
270 <400> SEQUENCE: 16
271 gccgtgtgtg cttttccag tgccgaggta cctatcgctc acggccagga gcttgtcgtg 60
272 gctgacagca aagagctgct ctctgtgggc ctgcttcato tcacccgaga ggccgtacaa 120
273 gaagtgttcc attcctttgt ctgaaggagc gacaggagca tctacggttg agaagacaga 180
274 aagtttggct tcgtcgatgt cttgctgtgt gaattttcca gacttagccc agtcga 236
276 <210> SEQ ID NO: 17
277 <211> LENGTH: 424
278 <212> TYPE: DNA
279 <213> ORGANISM: Homo sapiens
281 <400> SEQUENCE: 17
282 ccagaaagggt gacagtgggt ttccaggggc tcctggggcct ccaggtccac ctggtgaagt 60
283 cattcagcct ttaccaatct tgtcctccaa aaaaacgaga agacatactg aaggcatgca 120
284 agcagatgca gatgataata ttottgatta ctcggatgga atggaagaaa tatttggttc 180
285 cctcaattcc ctgaaacaag acatcgagca tatgaaattt ccaatgggta ctcagaccaa 240
286 tccagcccga acttgtaaag acctgcaact cagccatcct gacttcccag atggtgaata 300
287 ttggattgat cctaaccaag gttgctcagg agattccttc aaagtttact gtaatttcac 360
288 atctggtggt gagacttgca tttatccaga caaaaaatct gagggagtaa gaatttcato 420
289 atgg 424
291 <210> SEQ ID NO: 18
292 <211> LENGTH: 154
293 <212> TYPE: DNA

```

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:10

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

L:26 M:270 C: Current Application Number differs, Wrong Format

L:226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59  
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:991 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81  
L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:1442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92  
L:1480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94  
L:1770 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:114  
L:1898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124  
L:1899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:124  
L:2002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130  
L:2003 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130  
L:2017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:2052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133  
L:2053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:133  
L:2071 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:134  
L:2093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135  
L:2131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137  
L:2184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:140  
L:2208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:142  
L:2231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2232 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2233 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143  
L:2887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:184  
L:2965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188  
L:3073 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194  
L:3093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195  
L:3274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206  
L:3315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208  
L:3339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209  
L:3551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220  
L:3561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/902,941

DATE: 07/26/2001

TIME: 15:03:10

Input Set : A:\478c17.app.txt

Output Set: N:\CRF3\07262001\I902941.raw

L:3579 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221

L:3601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222

L:3602 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222